



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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Michael O. Leavitt  
Governor

Lowell P. Braxton  
Division Director

January 4, 1999

To: File

Thru: Joe Helfrich, Permit Supervisor, Compliance

From: Stephen Demczak, Reclamation Specialist

RE: Explosives Plan for Five Pounds or Less, Canyon Fuel Company, LLC., Dugout Canyon Mine, ACT/007/039-98G, Folder #2, Carbon County, Utah

**SUMMARY:**

The permittee has requested to use five pounds or less of explosives for each one shot (blast). The permittee has submitted twenty shots or twenty holes in the amendment. This is for surface development at Dugout Mine.

**TECHNICAL ANALYSIS:**

**OPERATION PLAN**

**Blasting and Explosives**

Regulatory Reference: R645-524 thru R645-524.130

**Analysis:**

The permittee has committed to have a certified blaster, and have at least one other person be present other than the blaster.

**Findings:**

The permittee has met the requirements of the blaster certification section of the engineering section in the R645 Coal Rules.

Explosives Plan  
ACT/007/039-98G  
January 4, 1999  
Page 2

Regulatory Reference: R645-301-524.212

**Analysis:**

The permittee has addressed that the blasts will be within 500 feet of an active and abandoned underground coal mine and needs MSHA approval.

**Findings:**

MSHA's comments have been addressed by the permittee.

Regulatory Reference: R645-301-524.230

**Analysis:**

The permittee has submitted an explosives plan to the Division as required in the Coal Rules.

**Finding:**

This section is considered to be complete.

**RECOMMENDATION:**

It is recommended that this amendment be approved.